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Date

09/07/92

MESSAGE PAR TÉLÉCOPIEUR

A
To

M. ALAIN LECLERC

De
From

Prof. Dumitriu SEVERIAN

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Commentaires
Comments

Re: Brevet: Hydrogels polyioniques a base de
xanthane et chitosan.

Monsieur,

En-joint je vous envoie le résumé de brevet no. 279319
(réf. no 5) Revlon

Cordialement

Dumitriu

1 WPAT

AN 88-236604/34

XRAM C88-105812

TI

Pigment-contg. cosmetic compsn. - comprises oil-in-water emulsion with polysiloxane-coated pigment in silicone oil phase

DC A96 D21

PA

(REVL) REVLON CONSUMER PROD CORP; (REVL) REVLON CONSUMER PRODUCTS CORP; (REVL) REVLON INC

IN BRIEVA H, JOSE N, TIETJEN M

PR 87.02.06 87US-011971 88.10.17 88US-259664 89.12.19 89US-453363 90.09.05 90US-579180

NUM 7 patent(s) 8 country(s)

PN

EP-279319 A 88.08.24 * (8834) E 12p R: CH DE FR GB IT LI JP83248312 A 88.10.13 (8847) US5068485 A 91.11.19 (9149) EP-279319 A3 92.07.01 (9333) EP-279319 B1 94.07.13 (9427) E 14p A61K-007/021 R: CH DE FR GB IT LI DE3850587 G 94.08.18 (9432) A61K-007/021 Based on EP-279319 JP2822980 B2 97.06.25 (9730) 7p

A61K-007/00 Previous Publ. JP83248312

CT EP-133963; EP-154837; EP-212870; JP61218509 No-SR.Pub; 1.Jnl.Ref; 01Jnl.Ref

AP

88EP-101817 88.02.08 88JP-024101 88.02.05 90US-579180 90.09.05 88EP-101817 88.02.08 88EP-101817 88.02.08 88DE-3850587 88.02.08 88EP-101817 88.02.08 88JP-024101 88.02.05

IC1 A61K-007/00 A61K-007/021

EUROPEAN PATENT: 279319 - 7 July, 1998 11/21:26 - Page 2/2

IC2 A61K-007/02

AB

EP-279319 A A cosmetic compsn. is an oil-in-water emulsion comprising an oil phase(A), an aq. phase (B), and a surfactant component (C) present in amt.

effective to form a stable emulsion. (A) comprises (i) a coated pigment consisting of finely divided particles of pigment the surface of which is chemically bonded to, and physically completely coated by, polysiloxane, which renders the particles hydrophobic; and (ii) a silicone component selected from (a) dimethylpolysiloxane of formula $(CH_3)_3SiO(Si(CH_3)_2O)_dSi(CH_3)_3$; d is effective to give (a) a viscosity of 0.65-1 million cSt; and/or (b) cyclomethicone contg. 3-6 repeating units of formula $-(Si(CH_3)_2O)-$; and/or (c) organopolysiloxane of formula $X(CH_3)_2SiO-Y-Si(CH_3)_2X$; X = 1-30 alkyl or alkoxy; Y is a chain of 1-100 repeating $(Si-O)$ units contg. 1-100 $-Si(R_1)(R_2)O-$ units and 0-100 units $-Si(R_3)(R_4)O-$ units; R1-R4 each = 2-30C alkyl, phenyl, or phenyl connected to the Si atom by a vinyl gp. of a 1-3C alkylene bridge; R1, R3 can also be $-CH_3$; R1, R2 can also be trimethylsiloxy; (C) comprises one or more polydiorganosiloxane- polyoxyalkylene copolymers contg. at least one polydiorganosiloxane (PDS) segment and at least one polyoxyalkylene (PA) segment. The PDS segment consists of siloxane units of formula $RbSiO(4-b)/2$ where b = 0-3; there are ca. 2 R radicals per Si atom in the copolymer; R = methyl, ethyl, vinyl, phenyl or a divalent 2-6C radical bonding a PA segment to the PDS segment; at least 95% of the R radicals are methyl; the PA segment has an average mol.wt. less than 5000, and consists of 0-50 mole % polyoxypropylene units and 50-100% polyoxyethylene units. At least one terminal portion of PA is bonded to a PDS segment, etc.

USE/ADVANTAGE - The compsn. is of use e.g. in foundations, eyeshadows, blushes etc. A higher amt. of pigment is incorporated into the emulsion without the problems of "setting" (dragging and streaking on application). ((Dwg.040))

stop h

WPAT

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